

BlueChart®

g2

marine cartography

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INTRODUCTION

BlueChart® g2 is Garmin's exclusive line of highly-detailed marine cartography, which comes preloaded for the coastal United States on Garmin's GPSMAP® 492/498 chartplotters, the large-display GPSMAP 2200 series, and GPSMAP 3200 series of chartplotters. BlueChart g2 cartography features smoother layering and better integration of map graphics for faster redraws and more cohesive panning, scrolling, and zooming. It features richer colors and shading for easier interpretation and improved visibility. BlueChart g2 has all the detail of traditional BlueChart, but with additional functions, such as an optional "mariner's-eye view" map perspective.

With the addition of BlueChart g2 preprogrammed data cards, you can access coastal roads and points of interest (POIs) as well as a growing worldwide database of high-quality navigationally significant photos. These photos give "real picture" detail for many harbors, ports, marinas and coastal features.



BlueChart g2 cartography features a growing database of aerial photography to give mariners a visual overview of harbors, marinas, waterways, and other points of reference.

Additional BlueChart g2 enhancements include:

- Shaded depth contours
- Mariner's eye view map perspective
- Port plans and navigational significant photos (Preprogrammed data card only)
- Improved IALA symbology
- Intertidal zones with spot soundings
- Nav aids with view range and coverage
- Data on tides and currents
- Coastal roads, marinas, points of interest (Preprogrammed data card only)
- Wrecks, restricted areas, anchorages
- Shoals, spoilage, and more

Like all BlueChart cartography, BlueChart g2 cartography is styled to match the appearance of paper charts when displayed on your Garmin chartplotter. Sharp, colorful, finely detailed graphics let you see every cartographic contour and feature, with a minimum of panning and zooming to bring the chart data into focus.

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Warning

Failure to avoid the following potentially hazardous situations could result in an accident or collision resulting in death or serious injury.

When navigating, carefully compare BlueChart g2 information to all available navigation sources, including information from visual sightings, and paper maps. For safety, always resolve any discrepancies or questions before continuing navigation.

Use the electronic BlueChart g2 cartography only to facilitate, not to replace, the use of authorized government charts. Official government charts and notices to mariners contain all information needed to navigate safely.

Terminology

This guide uses the following terminology:

- **Card**—Preprogrammed Garmin data card.
- **Garmin unit**—Garmin GPS unit or Garmin chartplotter.
- **Preloaded**—Garmin unit loaded with BlueChart g2 of the Coastal United States.
- **Preprogrammed**—Garmin data card loaded with a region of BlueChart g2 containing additional features such as aerial photos and coastal roads.

GETTING STARTED

BlueChart g2 data is available in two formats:

- **Preloaded on your Garmin chartplotter**—coverage includes the coastal United States and contains all the detail of traditional BlueChart and some of the previously listed additional functions ([page ii](#)).
- **Preprogrammed Garmin data card**—coverage is expanded beyond the coastal United States and regions are available throughout the rest of North and South America as well as Europe (Atlantic) and Asia (Pacific). Garmin BlueChart g2 preprogrammed data cards contain additional data including highly detailed coastal roads and points of interest such as restaurants, lodging, local attractions and more. Full-color aerial photos of ports, marinas, bridges, and navigational landmarks are also included on many BlueChart g2 preprogrammed data cards (see [page 2](#) for a visual comparison).



NOTE: Garmin BlueChart g2 preprogrammed data cards work only with BlueChart g2 compatible Garmin units. Look for the BlueChart g2 compatible logo on the product packaging.



Current owners of Garmin GPSMAP 276, GPSMAP 376, GPSMAP 3005C, GPSMAP 3006C, and GPSMAP 3010C chartplotters can also use BlueChart g2 preprogrammed data cards after loading a required software update.



Installing a BlueChart g2 Preprogrammed Data Card

Look for a compartment door or rubber weather cap on the bottom (or front for large chartplotters) of your Garmin unit. Beneath the door or weather cap is a slot for a data card.



**Data Card Slot on a
GPSMAP 3206/3210**



**Data Card Slot on a
GPSMAP 492/498**

To insert the card, place the card into the slot (connector end first) with the label facing toward the front of the Garmin unit. When the card is in place, close the compartment door, or reinsert the rubber weather cap. See your Garmin unit owner's manual for specific card installation instructions.



Caution

Insert the connector end of the card into the card slot. Improper installation can result in damage to your Garmin unit and can void your warranty.



Caution

BlueChart g2 Preprogrammed Data Card Caution: Do NOT use preprogrammed BlueChart g2 data cards for saving MapSource maps. The preprogrammed data will be lost. Remove any BlueChart g2 cards in your Garmin unit before transferring MapSource maps to the unit to avoid losing the preprogrammed data. If you overwrite the preprogrammed data on a BlueChart g2 card, Garmin will NOT replace or recover the lost data.

VIEWING BLUECHART g2 INFORMATION

BlueChart g2 technology for the coastal United States (including Alaska and Hawaii) is preloaded on Garmin's GPSMAP 492 and GPSMAP 498 chartplotters, as well as its large-display GPSMAP 2200 series and GPSMAP 3200 series of chartplotters.

To access additional BlueChart g2 functionality, you can purchase preprogrammed data cards. These BlueChart g2 data cards include highly detailed coastal roads and points of interest such as restaurants, lodging, local attractions, and more. Full-color aerial photos of ports, marinas, bridges, and navigational landmarks are also included on many data cards. See [page 7](#) for information on viewing photos while using a preprogrammed data card.

Understanding BlueChart g2 Data

BlueChart g2 electronic charts use graphic symbols to denote map features. Some common symbols you might see include, but are not limited to, the following*:

	Airport/Seaplane Base		Dangerous Rock		Pilot Boarding Area
	Anchorage Berth		Explosive		Precautionary Area
	Anchoring Prohibited		Exposed Rock		Radio Report Point
	Beacon		Exposed Wreck		Recommended Anchorage
	Building		Fishing Harbor		Rescue Station
	Buoy		Fishing Prohibited		Tide Station
	Church		Information		Yacht Harbor
	Current Station		Marina Services		

*Some symbols might appear differently on your Garmin chartplotter.